



Material Safety Data Sheet

1. Chemical Product and Company Identification

DESCRIPTION: PROBOND CLEAR SILICONE RUBBER SEALER
PRODUCT TYPE: SILICONE ELASTOMER
APPLICATION: E920

• Manufacturer/Supplier Information

MSDS Prepared by:
Elmer's Products, Inc.
1000 Kingsmill Parkway
Columbus, OH 43229
Emergency Phone Number
Poison Control Center
1-800-228-5635 ext 22
For additional health, safety or regulatory information, call 614-225-7695.
Call 1-800-848-9400 to place an order or request additional MSDSs.

2. Composition, Information on Ingredients

The ingredients listed below have been associated with one or more immediate and/or delayed(*) health hazards. Risk of damage and effects depends upon duration and level of exposure. BEFORE USING, HANDLING, OR EXPOSURE TO THESE INGREDIENTS, READ AND UNDERSTAND THE MSDS.

	% by weight
7631-86-9 *Silica	10-30
17689-77-9 Ethyltriacetoxysilane	1-5

3. Hazards Identification

3.1 Emergency Overview

Appearance	Opaque paste
Odor	Acetic acid
CAUTION!	
Will burn.	
Causes eye irritation.	

• HMIS Rating

HEALTH = 2 (moderate)
FLAMMABILITY = 1 (slight)
REACTIVITY = 0 (minimal)
CHRONIC = *

3.2 Potential Health Effects

• Immediate Hazards

INGESTION: No hazards known to company.
INHALATION: Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs.
SKIN: May cause irritation on prolonged or repeated contact.
EYES: Causes irritation.

• Delayed Hazards

Silica 7631-86-9
Can cause lung fibrosis. Pre-existing respiratory disorders may be aggravated by exposure.
-- See Footnote C.
Footnote C: As of the date of issuance of this document, this material has not been listed by NTP, classified by IARC nor regulated by OSHA as a carcinogen.

4. First Aid Measures

INGESTION: If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.
INHALATION: Remove to fresh air.
SKIN: In case of irritation, flush with water.
EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held apart during irrigation to insure water contact with entire surface of eyes and lids. Call a physician.

5. Fire Fighting Measures

Autoignition Temperature	Not available
Upper/Lower Flammable Limits	Not available
Up/Lower Explosive Limits, % by Vol	Not available
Flash Point	100 deg C

Will burn.
In case of fire, use water spray, dry chemical, foam or CO2. Use water to keep fire-exposed containers cool.

6. Accidental Release Measures

Sweep (scoop) up and remove to a chemical disposal area. Prevent entry into natural bodies of water.

7. Handling and Storage

7.1 Handling

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling. Always use appropriate Personal Protective Equipment (PPE).
INHALATION: Avoid prolonged or repeated breathing of vapor.
SKIN: Avoid prolonged or repeated contact with skin and clothing.
EYES: Avoid contact with eyes.

7.2 Storage

Store in a cool, dry place.
Keep containers tightly closed.
Exposure to small amounts of moisture, even moisture in air, causes polymerization and renders the product unusable.

8. Exposure Controls/Personal Protection

8.1 Exposure Controls

ENGINEERING CONTROLS: The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices. These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend that you consult with experts of your choice to determine whether or not your programs are adequate.
If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

8.2 Personal Protection

No special protection necessary.

8.3 Exposure Guidelines

Silica 7631-86-9
ACGIH TLV: 10 mg/m³ TWA (as Amorphous silica)
OSHA PEL: 20 mppcf; 80/((%SiO₂) mg/m³ TWA (as Amorphous silica)
REMANDED PEL: 6 mg/m³ TWA (as Amorphous silica)
OSHA 1989 PEL remanded, but in effect in some states
Ethyltriacetoxysilane 17689-77-9
ACGIH TLV: 10 ppm (25 mg/m³) TWA, Acetic acid;
15 ppm (37 mg/m³) STEL
OSHA PEL: 10 ppm (25 mg/m³) TWA, as Acetic acid

9. Physical and Chemical Properties

Percent Volatiles	< 5
pH @ 25 C	Not available
Specific Gravity	1.04
Appearance	Opaque paste
Autoignition Temperature	Not available
Boiling Point	Not available
Vapor Density (Air=1)	Not available
Vapor Pressure, mm Hg @ 20 C	< 5
Evaporation Rate (Butyl Acetate=1)	Not available
Upper/Lower Flammable Limits	Not available
Up/Lower Explosive Limits, % by Vol	Not available
Flash Point	100 deg C
Freezing Point	Not available
Odor	Acetic acid
Odor Threshold, ppm	Not available
Solubility in Water	Negligible
Coefficient of Water/Oil Distrib.	Not applicable

10. Stability and Reactivity

Normally stable as defined in NFPA 704-12(4-3.1).

• Incompatibilities:

Strong oxidizers.

• Decomposition products may include:

Oxides of carbon and silicon.

• Hazardous polymerization:

Will not occur.

• Other Hazards:

Liberates acetic acid on curing.

11. Toxicological Information

INGESTION: Not toxic orally when tested as described in 16 CFR Part 1500.3 (c)(1) and (2).

INHALATION: Not toxic by inhalation when tested as described in 16 CFR Part 1500.3 (c)(1) and (2).

SKIN: Not toxic dermally when tested as described in 16 CFR Part 1500.3 (c)(1) and (2).

ABSORPTION: Part 1500.3 (c)(1) and (2).

SKIN: Not a primary irritant (primary skin irritation index less than 5.0/8.0) when tested as described in 16 CFR Part 1500.41.

EYES: Moderately irritating when tested as described in 16 CFR Part 1500.42.

Silica 7631-86-9

LC50: Not available

LD50: orl-rat=3160 mg/kg (RTECS)

Ethyltriacetoxysilane 17689-77-9

LC50: Not available

LD50: Not available

12. Ecological Information

Not determined.

13. Disposal Considerations

Dispose of according to local, state/provincial, and federal requirements.

14. Transport Information

14.1 U.S. Department of Transportation (DOT)

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

Non-Regulated.

14.2 Canadian Transportation of Dangerous Goods (TDG)

Non-Regulated.

15. Regulatory Information (Selected Regulations)

15.1 U.S. Federal Regulations

- **OSHA Hazard Communication Standard 29CFR1910.1200**

This material is a "health hazard" and/or a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

- **SARA Title III: Section 311/312**

Immediate health hazard
Delayed health hazard

- **SARA Title III Section 313 and 40 CFR Part 372**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.
None required per SARA TITLE III SECTION 313.

- **TSCA Section 8(b) Inventory**

All reportable chemical substances are listed on the TSCA Inventory.
We rely on certifications of compliance from our suppliers for chemical substances not manufactured by us.

15.2 Canadian Regulations

- **Workplace Hazardous Materials Information System (WHMIS)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all the information required by the CPR.
CLASS D, DIV 2B

- **Canadian Environmental Protection Act (CEPA)**

All reportable chemical substances are listed on the Domestic Substances List (DSL) or otherwise comply with CEPA new substance notification requirements.

- **National Pollutant Release Inventory (NPRI)**

This product contains the following chemical(s) subject to the reporting requirements of the Canadian Environmental Protection Act (CEPA) subsection 16(1), National Pollutant Release Inventory. None required.

16. Other Information

- **User's Responsibility**

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

- **Disclaimer**

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